

# GlobalSurg 3: Quality and outcomes in global cancer surgery

## Short Data Collection Form



[globalsurg.org/g3](http://globalsurg.org/g3)

### PATIENT (Form 1)

Patient ID: \_\_\_\_\_

Method of identification \_\_\_\_\_

Age: \_\_\_\_\_ (years) Sex: *M / F / Unknown*

BMI: \_\_\_\_\_ Weight loss ≥10%: \_\_\_\_\_

Performance status: *0 / 1 / 2 / 3 / 4 / Unknown*

ASA: *1 / 2 / 3 / 4 / 5 / Unknown*

Smoking: *No, never / Stopped >6 wks / Yes / Unknown*

Diabetes: *No / Diet / Medication / Insulin / Unknown*

HIV tested: *No / Yes, Negative / Yes, Positive*

Presentation: *Symptomatic / Screening / Incidentally / Unknown*

Date of first consult: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (DD/MM/YY)

Who did the patient first consult?  
\_\_\_\_\_

Distance from home to hospital: \_\_\_\_\_ km

## PLEASE COMPLETE THIS FORM WITH THE DATA DICTIONARY FOR REFERENCE

### DISEASE & NEOADJUVANT TREATMENT (Form 2)

Cancer type (circle): *Breast / Gastric / Colorectal*

**STAGING** 0. No, not available in this hospital  
1. No, not indicated  
2. No, indicated and available, but patient not able to pay  
3. Yes  
9. Unknown

**All patients**

Ultrasound scan: *0 / 1 / 2 / 3 / 9*

CT: *0 / 1 / 2 / 3 / 9*

MRI: *0 / 1 / 2 / 3 / 9*

**Gastric or Colorectal cancer only**

Endoscopy/colonoscopy: *0 / 1 / 2 / 3 / 9*

Endoscopy/colonoscopy biopsy: *0 / 1 / 2 / 3 / 9*

Endoscopic/transanal ultrasound *0 / 1 / 2 / 3 / 9*

Staging laparoscopy: *0 / 1 / 2 / 3 / 9*

**Breast cancer only**

Mammogram: *0 / 1 / 2 / 3 / 9*

Fine needle aspiration: *0 / 1 / 2 / 3 / 9*

Core biopsy: *0 / 1 / 2 / 3 / 9*

Open biopsy: *0 / 1 / 2 / 3 / 9*

Receptor status on pre-op biopsy:

ER: *0 / 1 / 2 / 3 / 9*

PR: *0 / 1 / 2 / 3 / 9*

HER2: *0 / 1 / 2 / 3 / 9*

Ki-67: *0 / 1 / 2 / 3 / 9*

0. No, not available in this hospital  
1. No, but available in this hospital  
2. Yes, NEGATIVE result  
3. Yes, POSITIVE result  
9. Unknown

**All patients**

Clinical TNM: T1/T2 / T3/T4 | N0/N1/N2/N3 | M0/M1

**Essential TNM** (Gastric / Colon): M+ / R+ / A / L

**Essential TNM** (Breast): M+ / R2 / R1 / A / L2 / L1

Neoadjuvant therapy: \_\_\_\_\_

### OPERATION (Form 3)

Admission date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (DD/MM/YY) \_\_\_\_:\_\_\_\_ (24H)

Knife to skin: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (DD/MM/YY) \_\_\_\_:\_\_\_\_ (24H)

Urgency: *Elective / Emergency*

Intent of operation: *Palliative / Curative*

Checklist used?:  
*No, not available / No, available / Yes / Unknown*

Primary operation: \_\_\_\_\_

**Breast cancer only**

Sentinel lymph node biopsy: \_\_\_\_\_

Axillary lymph node dissection: \_\_\_\_\_

Resection margins checked at surgery: \_\_\_\_\_

Reconstruction: \_\_\_\_\_

**Gastric or Colorectal cancer only**

Operative approach: \_\_\_\_\_

Site: \_\_\_\_\_

Anastomosis: \_\_\_\_\_

Obstruction: \_\_\_\_\_ Perforation: \_\_\_\_\_

**Gastric cancer only**

D2 lymphadenectomy: \_\_\_\_\_

**Colorectal cancer only**

Stoma formed: *(if yes, what type)* \_\_\_\_\_

# PATHOLOGY (Form 4)

## All patients

Most valid basis for cancer diagnosis:

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Histology: \_\_\_\_\_

Size of invasive tumour: \_\_\_\_\_ cm

Pathological T stage (pT): T1 / T2 / T3 / T4 (a/b/c/d) / Tis

## Lymph nodes

Pathological N stage(pN): N0 / N1 / N2

Number INVOLVED in specimen: \_\_\_\_\_

TOTAL number in specimen: \_\_\_\_\_

Histological grade: 1 / 2 / 3 / 4

Lymphatic or vascular invasion: No / Yes / Unknown

## Gastric or Colorectal cancer only

Resection margin: R0 / R1 / R2

## Colorectal cancer only

Perineural invasion: No / Yes / Unknown

Circumferential resection margin: \_\_\_\_\_ mm

## Breast cancer only

Margin: \_\_\_\_\_

Receptor status on pathological specimen:

ER: 0 / 1 / 2 / 3 / 9 0. No, not available in this hospital

PR: 0 / 1 / 2 / 3 / 9 1. No, but available in this hospital

Ki-67: 0 / 1 / 2 / 3 / 9 2. Yes, NEGATIVE result

3. Yes, POSITIVE result

9. Unknown

## Breast and gastric cancer only

HER2: 0 / 1 / 2 / 3 / 9

# OUTCOMES & ADJUVANT TREATMENT (Form 5)

## FOLLOW-UP

Length of stay: \_\_\_\_\_ days (first day after surgery=1)

30-day follow-up method: \_\_\_\_\_

30-day mortality: Alive / Died / Unknown

Date of death: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (DD/MM/YY)

## COMPLICATIONS

Minor complication (CD 1): No / Yes / Unknown

Minor complication (CD 2): No / Yes / Unknown

Reintervention (unplanned) (CD 3):

No / Yes (no GA) / Yes (GA) / Unknown

Critical care admission (unplanned) (CD 4):

No / Yes (single organ) / Yes (multiorgan) / Unknown

Hospital re-admission (unplanned):

No / Yes / Unknown

## SPECIFIC COMPLICATIONS

SSI: 0 / 1 / 2 / 3 / 4 / 5 / 9

Post-op bleed:

0 / 1 / 2 / 3 / 4 / 5 / 9

## Breast cancer only

Post-op seroma:

0 / 1 / 2 / 3 / 4 / 5 / 9

## Gastric or Colorectal cancer only

Anastomotic leak: 0 / 1 / 2 / 3 / 4 / 5 / 9

Intra-abdominal abscess: 0 / 1 / 2 / 3 / 4 / 5 / 9

## All patients

Adjuvant treatment planned: \_\_\_\_\_

# Notes

Do not use "Unknown", please find out!

**BMI:** Weight(kg)/height<sup>2</sup> (metres)

Underweight (BMI < 18.5)

Normal weight (BMI 18.5 to 24.9)

Overweight (BMI 25 to 30)

Obese (BMI >30)

## ASA

- 1, normal/healthy
- 2, mild systemic disease
- 3, severe systemic disease
- 4, severe systemic disease, constant threat to life
- 5, not expected to survive without the operation
- 9, Unknown

## Performance status

0, Fully active

1, Restricted in strenuous activity only

2, Ambulatory & capable of all self care

3, Capable of only limited self care

4, Completely disabled

9, Unknown

## Who did patient first consult?

- Local clinic: family doctor  
Local clinic: nurse  
Local clinic: specialist doctor  
Hospital: out-patient clinic  
Hospital: in-patient  
Other/non medical healer  
Unknown

## Most valid basis of cancer diagnosis

Clinical only

Imaging

Exploratory surgery/endoscopy no histology

Tumour specific markers

Cytology

Histology of metastasis/secondary

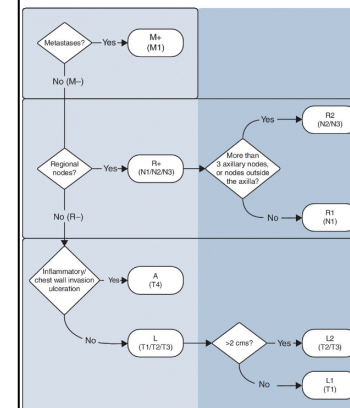
Histology of primary/biopsy

## 30-day follow-up method

- Still inpatient  
Clinic review  
Telephone review  
Community/home review  
Discharged before 30 days and not contacted again

## Essential TNM

### Breast



### Gastric / Colorectal

